

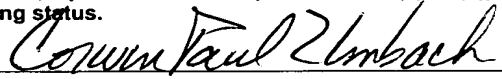
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|--|--|---|
| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE<br>(REV. 12-2004)                       |  | ATTORNEY'S DOCKET NUMBER<br>270621 US0PCT                           |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/532408</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP03/14045  | INTERNATIONAL FILING DATE<br>4 November 2003 | PRIORITY DATE CLAIMED<br>5 November 2002                            |

TITLE OF INVENTION  
METHOD FOR CLEANING MICROSTRUCTURE

APPLICANT(S) FOR DO/EO/US  
Kaoru MASUDA, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
  4. ☐ The US has been elected (Article 31).
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
    - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
    - b. ☒ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☒ is attached hereto.
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
  10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
  11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
  12. ☒ A copy of the International Search Report (PCT/ISA/210).
- Items 13 to 23 below concern document(s) or information included:
13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  15. ☐ A **FIRST** preliminary amendment.
  16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  17. ☐ A substitute specification.
  18. ☒ A power of attorney and/or change of address letter.
  19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
  20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
  21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
  22. ☐ Express Mail Label No.
  23. ☒ Other items or information:  
Application Data Sheet/Notice of Priority/Drawings (1 Sheet)/PCT/IB/304/PCT/IB/308/PTO-1449/Cited References (4)

|  |              |  |  |   |            |
|--|--------------|--|--|---|------------|
| U.S. APPLICATION NO (if known, see 37 CFR 1.5)<br><b>10/532408</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/14045</b>                 |  | ATTORNEY'S DOCKET NUMBER<br><b>270621US0PCT</b> |            |
| 24. The following fees are submitted:  |              |  |  | Applicant use                                   | Office use |
| <input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00   |              |  |  | \$ 300.00                                       |            |
| <input checked="" type="checkbox"/> b) Examination fee ..... \$200.00  |              |  |  | \$ 200.00                                       |            |
| <input checked="" type="checkbox"/> c) Search fee ..... \$500.00   |              |  |  | \$ 400.00                                       |            |
| <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>   |              |  |  | \$ 900.00                                       |            |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |  |  |   |            |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE   |   |            |
| - 100 =  | /50 =        |  | x \$250.00   | \$ 0.00   |            |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |  |  | \$  |            |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE   |   |            |
| Total claims   | 6 - 20 =     | 0  | x \$50.00  | \$ 0.00   |            |
| Independent claims   | 1 - 3 =      | 0  | x \$200.00   | \$ 0.00   |            |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00  |              |  |  | \$ 0.00   |            |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |  | \$ 900.00                                       |            |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |  | \$ 0.00   |            |
| <b>SUBTOTAL =</b>  |              |  |  | \$ 900.00                                       |            |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |  |  | \$ 0.00   |            |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |  | \$ 900.00                                       |            |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +  |              |  |  | \$ 0.00   |            |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |  | \$ 900.00                                       |            |
| <b>Amount to be refunded:</b>  |              |  |  | \$  |            |
| <b>Amount to be charged:</b>   |              |  |  | \$  |            |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>15-0030</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> |              |  |  |   |            |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p>  |              |  |  |   |            |
| <p>CUSTOMER NUMBER<br/>22850</p>   |              |  | <br>SIGNATURE<br>Norman F. Oblon |   |            |
|  |              |  | NAME <b>Corwin P. Umbach, Ph.D.</b>  |   |            |
|  |              |  | 24,618 <b>Registration No. 40,211</b>  |   |            |
|  |              |  | REGISTRATION NUMBER  |   |            |